

Product datasheet for **RN210713**

Btc (NM_022256) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Btc (NM_022256) Rat Untagged Clone
Tag: Tag Free
Symbol: Btc
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN210713 representing NM_022256

Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**

ATGGACTCGACTGCCCCAGGCAGCGGTGTCAGCTCCCTGCCGCTGCTCCTGGCCCTTGCTCTGGGTCTTG
TGATTCTCCAGTGCCTGGTGGCAGATGGGAACACAACCAGAACCCCTGAAACCAATGGCTCTCTTTGTGG
AGCTCCTGGGAAAACGACAGGTACCAACCCCTAGACAGAAATCGAAACCCACTTCTCTCGGTGCCCC
AAGCAATACAAGCATTACTGCATCCATGGGAGATGCCGCTTCGTGATGGACGAACAACTCCCTCCTGCA
TCTGTGAGAAAGGCTACTTTGGGCCCCGGTGTGAGCAGGTGGACCTGTTTTATCTCCAGCAGGACAGGGG
GCAGATCCTGGTGGTCTGCTTGATAGCGCTCATGGTGTCTTCATCATTTTAGTCATTGGCGTCTGCACC
TGCTGTCACTCTTCGGAACATCGAAAAAGAAGAAGGAAGAGAAAATGGAACTTTGAGTAAAGATA
AACTCCCATAGTGAAGATATTCAAGAGACCAATATTGCT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACC�: NM_022256
Insert Size: 534 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).



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Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM_022256.2, NP_071592.1</u>
RefSeq Size:	611 bp
RefSeq ORF:	534 bp
Locus ID:	64022
Cytogenetics:	14p22
Gene Summary:	may have mitogenic activity; mouse homolog induces differentiation of pancreatic beta-cells and promotes regeneration of beta-cells [RGD, Feb 2006]